

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S91	491963	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) same (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$))	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:32
S92	232186	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near5 (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$))	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:32
S93	27169	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near5 (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$)) and (electrophore\$ or microfluid\$ or microchannel or fluid or liquid or flow or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:34
S94	27154	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near5 (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$)) and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:54
S95	427	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near5 (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$)) and (electrophore\$ or microfluid\$ or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:52

## EAST Search History

S96	178	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near5 (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$)) and (fluid or liquid or flow or DNA or nucleic or rna or protein) and (electrophore\$ or microfluid\$ or microchannel)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:54
S97	4	S96 not S95	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:54
S98	9230	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near5 (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$)) and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein).ti.	EPO; JPO; DERWENT	OR	OFF	2007/06/10 18:02
S99	25555	((switch\$ or valve or microvalve or micro-valve) near5 (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$)) and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:55
S100	5448	((switch\$ or valve or microvalve or micro-valve) near5 (electric or electrical or potential or voltage or polarity or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$)).ti. and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:55
S101	3363	((switch\$ or valve or microvalve or micro-valve) near5 (electric or electrical or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$)).ti. and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:56

## EAST Search History

S10 2	45	((switch\$ or valve or microvalve or micro-valve) near5 (electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$).ti. and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 17:56
S10 3	1151	((switch\$ or valve or microvalve or micro-valve) near5 (electric or electrical or electrophore\$ or electrosm\$ or electroosm\$ or electroendo\$).ti. and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein)	USPAT	OR	OFF	2007/06/10 17:57
S10 9	5271	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near5 (electrode)) and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 18:02
S11 0	3382	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near3 (electrode)) and (electrophore\$ or microfluid\$ or fluid or liquid or flow or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 18:02
S11 1	77	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near3 (electrode)) and (electrophore\$ or microfluid\$ or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 18:11
S11 2	135	((switch\$ or branch\$ or junction or intersection or valve or microvalve or micro-valve) near5 (electrode)) and (electrophore\$ or microfluid\$ or DNA or nucleic or rna or protein)	EPO; JPO; DERWENT	OR	OFF	2007/06/10 18:15